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PTO/SB/05 (2/98)
Approved for use through 09/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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PATENT APPLICATION
TRANSMITTAL

Attorney Docket No.	01339.0009.NPUS01
First Named Inventor or Application Identifier	Mathieu Desbrun
Title	METHODS FOR COMPUTING BARYCENTRIC COORDINATES GENERALIZED TO IRREGULAR N-GONS AND APPLICATIONS OF THE SAME
Express Mail Label No.	EL225649874US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

Assistant Commissioner for Patents
ADDRESS TO: Box Patent Application
Washington, DC 20231

1. ☐ *Fee Transmittal Form (Form PTO-1082)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages]
(preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claims
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets]
4. ☐ Oath or Declaration [Total Pages]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
- i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named
in the prior application, see 37 CFR 1.63(d)(2) and
1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy
of the oath or declaration is supplied under Box 4b, is considered
as being part of the disclosure of the accompanying application
and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submissions
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above
copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard
14. ☐ *Small Entity Statement(s) ☐ Statement filed in
prior application, Status still proper
and desired
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other:

*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF
ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

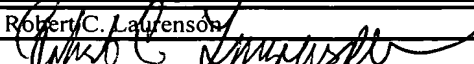
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /

Prior Application Information: Examiner: Group/Art Unit:

18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 08-3038 or ☒ Correspondence address below
(Insert Customer No. or Attach bar code label here)

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Signature			Date	February 7, 2002	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete
this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant
Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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Box Patent Application

COMMISSIONER FOR PATENTS

Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of MATHIEU DESBRUN, ALAN H. BARR and MARK MEYER, titled **"Methods for Computing Barycentric Coordinates Generalized to Irregular N-Gons and Applications of the Same"**.

The following documents are enclosed for appropriate action:

1. Utility Patent Application Transmittal
2. Patent Application – 14 pages
3. Drawings – 6 pages (Figs. 1-6)
4. Information Disclosure Statement
5. IDS-Form 1449 (with 2 references)
6. Return Postcard

(Col. 1)		(Col. 2)	SMALL ENTITY			OTHER THAN A SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE				\$370.00	OR		\$ 740.00
TOTAL CLAIMS	13-20=	7	x 9 =	63.00	OR	x 18 =	0.00
INDEP. CLAIMS	4-3 =	1	x 42 =	42.00	OR	x 80=	0.00
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+ 140 =	140.00	OR	+ 270 =	0.00
			TOTAL	\$615.00	OR	TOTAL	0.00

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2


CERTIFICATE OF MAILING

(37 C.F.R. §1.10(a))

I hereby certify that this paper (along with any referred to as being attached hereto) is being deposited with the United States Postal Service (USPS) on the date shown below using the "Express Mail Post Office to Addressee" service of the USPS (Express Mail No. EL225649874US) in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

February 7, 2002
Date of Deposit

Mary Champion
Name of Person Mailing Paper

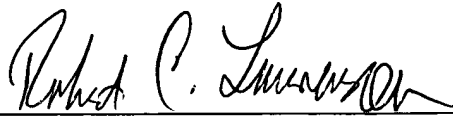

Signature of Person Mailing Paper

This application is being filed under 37 C.F.R. §1.53(b)(1) without declaration and filing fee.

This application claims the benefit of U.S. Provisional Application No. 60/267,804 filed February 8, 2001.

HOWREY SIMON ARNOLD & WHITE, LLP

Date: February 7, 2002


Robert C. Laurenson, Reg. No. 34,206

202020-89272001